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(71) Applicant.	SAMSUNG ELECTRONICS CO., LTD. Jong-Yong YUN 416 Maetan 3-dong, Paldal-gu, Suwon-si Gyeonggi-do
(72) Inventor.	PARK Hyeong-Won 201 Hyundai Villa, 273-10 Hongseon 3-dong, Seodaemun-gu, Seoul
(73) Agent:	K.J.LEE Patent and Trademark Office

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(54) RECEIVING DEVICE IN CODE DIVISION MULTIPLE ACCESS TERMINAL
AND METHOD THEREOF

Abstract

PURPOSE: A receiving device in a CDMA terminal and a method thereof are provided to allow to be strong in intermodulation and reduce a current consumption by using or bypassing a low noise amplifier according to an RSSI(Received Signal Strength Indicator) and a E_c/I_o (Chip Energy/Total Received Power Spectral Density). CONSTITUTION: A low noise amplifier(202) amplifies receiving signal. A switch turns on/off by the particular control signal and bypasses input signal of the low noise amplifier(202). An RX SAW filter(204) filters output signal from the low noise amplifier(202). An RF(Radio Frequency) amplifier(206) amplifies output signal from the RX SAW filter(204). A mixer(208) and intermediate frequency SAW filter(210) down-converts and filters output signal from the RF amplifier(206). A controlling part(118) generates a control signal according to a RSSI and E_c/I_o .